

ABSTRACT

The present invention provides  
a friction modifier for a lubricating oil which  
5 comprises an oil-soluble copolymer (A) containing at least  
one unit of a monomer (a) represented by the general  
formula (1) and at least one unit of a monomer (b)  
represented by the general formula (2), and having a weight  
average molecular weight of 3,000 or more;

10            $\text{CH}_2=\text{C}(\text{R}^1)-\text{Q}-\text{(Z-A}^1\text{)}_m-\text{X}$        (1)

$\text{CH}_2=\text{C}(\text{R}^3)-\text{CO}-\text{(O-A}^2\text{)}_n-\text{OR}^4$      (2)

                a friction modifier composition comprising the above  
copolymer (A), and at least one species selected from the  
group consisting of a diluent and other additives; a  
15 lubricating oil composition comprising base oil, and the  
above friction modifier or friction modifier composition.  
These are excellent in the friction regulation effect,  
capable of reducing transmission shock, are high in the  
friction coefficient required for power transmission, and  
20 in addition, are excellent in wear resistance.